

Appendix table 3-28.

Total science and engineering jobs: 1998 and projected 2008
 (Numbers in thousands of jobs)

Occupation	1998	2008	Change
Total, all occupations	140,514	160,795	20,281
All science & engineering	3,809	5,747	1,937
Scientists	2,347	3,995	1,647
Life scientists	173	219	45
Agriculture and food scientists	21	24	2
Biological scientists	81	109	28
Conservation scientists and foresters	39	46	7
Medical scientists	31	39	8
All other life scientists	1	1	-
Computer, mathematical, and operations research occupations	1,653	3,182	1,529
Actuaries	16	17	1
Computer systems analysts, engineers, and scientists	1,530	3,052	1,522
Computer engineers and scientists	914	1,858	944
Computer engineers	299	622	323
Computer support specialists	429	869	439
Database administrators	87	155	67
All other computer scientists	97	212	115
System analysts	617	1,194	577
Statisticians	17	17	-
Mathematicians and all other mathematical scientists	14	13	(1)
Operations research analysts	76	83	7
Physical sciences	200	229	29
Atmospheric scientists	8	10	1
Chemists	96	110	13
Geologists, geophysicists, and oceanographers	44	51	7
Physicists and astronomers	18	18	-
All other physical scientists	33	41	8
Social scientists	321	365	44
Economists and marketing research analysts	70	83	13
Psychologists	166	185	19
Urban and regional planners	35	41	6
All other social scientists	50	56	6
Engineers	1,462	1,752	290
Aerospace engineers	53	58	5
Chemical engineers	48	53	5
Civil engineers	195	236	41
Electrical and electronics engineers	357	450	93
Industrial engineers, except safety engineers	126	142	16
Materials engineers	20	21	2
Mechanical engineers	220	256	36
Mining engineers, including mine safety engineers	4	4	(1)
Nuclear engineers	12	12	1
Petroleum engineers	12	12	-
All other engineers	415	509	94

- No change

() Decline

SOURCE: U.S. Bureau of Labor Statistics, Office of Employment Projections, "National Industry-Occupation Employment Projections 1998-2008" (Washington, DC: 1999).

See text table 3-20 in Volume 1.

Science and Engineering Indicators - 2000